

T H E H E A L T H

of the

RURAL DISTRICT OF

L U T T E R W O R T H

Leicestershire



1959

The ANNUAL REPORT
of the Medical Officer of Health
and the Chief Public Health Inspector



RURAL DISTRICT OF LUTTERWORTH

ANNUAL REPORT

of the

MEDICAL OFFICER OF HEALTH

ANDREW C. ROSS, M.B., Ch.B., D.P.H.

together with the

ANNUAL REPORT

of the

CHIEF PUBLIC HEALTH INSPECTOR

H.G. McNAUGHT, M.I.Mun.E., A.M.P.T.I., M.R.S.H.

for the

YEAR 1959

LUTTERWORTH RURAL DISTRICT COUNCIL

Public Health Committee 1959

E.H. Illson, Chairman

W.P. Cooke, Vice-Chairman

L.G.W. Pickering, Chairman of the Council (ex-officio)

G. Bassett, Vice-Chairman of the Council (ex-officio)

A. Barclay

H.I. Drake

E.C. Heard

Mrs. A. Notley

B. M'Quillin

The Revd. W.H. Pearce-Batten

The Revd. A.H. Proctor

J.A. d'O. Reynolds

T. Stevens

J.G. Williams

J.L. Wright

PUBLIC HEALTH DEPARTMENT

Officers and Staff

Medical Officer of Health:

A.C. Ross, M.B., Ch.B., D.P.H.

Surveyor and Chief Public Health Inspector:


H.G. McNaught, M.I.Mun.E., A.M.T.P.I., M.R.S.H.

Additional Public Health Inspector:

K.C. Brooke, Cert.R.S.I. & S.I.E.J.B., Dip.R.I.P.H. & H.

Clerk (Part-Time):

Mrs. B.M. Laughton



Digitized by the Internet Archive
in 2017 with funding from
Wellcome Library

<https://archive.org/details/b29747739>

To the Chairman and Members of
Lutterworth Rural District Council.

Mr. Chairman, Ladies and Gentlemen,

I have pleasure in presenting the Annual Report on the
Health of the District for the year 1959.

We had an epidemic of measles in the year under review,
but apart from that the incidence of infectious diseases
remained low. With the development of a vaccine against
measles, the possibility of which is now being explored,
this disease may well be reduced if not eradicated in future
years.

The Vital Statistics remain satisfactory.

In conclusion I wish to thank Mr. McNaught, our Chief
Public Health Inspector and the Staff of the Public Health
Department for their assistance during the year, and also to
express my appreciation for the consideration and help of the
Public Health Committee.

I am Mr. Chairman, Ladies and Gentlemen,

Yours obediently,

Andrew C. Ross

Medical Officer of Health.

VITAL STATISTICS

BIRTHS

Live Births

	Males	Females	Total
Legitimate	105	97	202
Illegitimate	4	2	6
Totals	109	99	208

BIRTH RATE

16.1 per 1,000 estimated population

1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948
15.0	14.9	14.9	14.1	16.4	19.3	21.1	17.9	20.0	21.6	20.5
1949	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959
17.9	17.9	17.0	16.2	16.6	16.0	13.8	14.2	14.7	17.1	16.1

The birth rate for England and Wales for 1959 was 16.5 per 1,000 population.

DEATHS

	Males	Females	Total
Deaths from all causes	72	54	126

CRUDE DEATH RATE

9.7 per 1,000 estimated population

1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948
11.6	12.7	12.5	13.0	10.8	14.2	11.7	11.0	12.4	10.0	11.5
1949	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959
11.8	11.0	11.1	13.8	11.7	11.8	12.5	12.3	11.3	9.8	9.7

The death rate of 9.7 per 1,000 estimated population represents a slight decrease on last year's figure. It compares with a rate of 11.6 per 1,000 population for England and Wales.

The commonest causes of death were:-

	<u>Total</u>
1) Cancer	19
2) Diseases of the heart and circulation	38
3) Vascular lesions of the nervous system	16

Motor vehicle accidents accounted for 4 deaths. They were responsible for 1 in 1958.

There were no deaths from pregnancy.

CANCER MORTALITY RATE

The figure for this year is 1.4 per 1,000 population, representing a decrease in comparison with last year's figure of 1.5. There were 19 deaths from cancer in a population of 12,910. Cancer of the bronchus and lung accounted for 2 deaths.

Cancer has caught the public imagination to a far greater extent than many other diseases. It is necessary to keep a sense of proportion and realise that cancer is one of the three major causes of death, and numerically not the most important.

Cancer Mortality Rate (all forms)
taken in triennial periods - per
1,000 population

1931 - 33	1.9	1946 - 48	1.3
1934 - 36	1.7	1949 - 51	1.9
1937 - 39	1.8	1952 - 54	1.4
1940 - 42	1.7	1955 - 57	1.7
1943 - 45	1.4	1958	1.5
		1959	1.4

You note the figure of 38 deaths from diseases of the heart and circulation out of a total number of 126. It is the captain of the kings of death today. In the United States it is said to account for a higher proportion of deaths - nearly 50% of the total death roll.

To prevent or to lower this high incidence of cardio-vascular disease in the community is today and in the future a major public health problem. The prospect of so doing, although somewhat overwhelming, is not entirely dark.

For instance the eradication of rheumatic fever as a cause of heart disease is well within the realm of possibility. Again recent developments in Pharmacology give rise to the hope that by the use of tranquilizers the adverse effects of hypertension may be controlled.

Thirty years ago few people could have believed it was possible to reduce the mortality associated with such diseases as diphtheria, smallpox, typhoid fever and tuberculosis to their present low incidence. Yet it is so.

Is it too much to believe that thirty years on we shall be much nearer a solution to the problem of cancer and heart disease?

Infant Deaths (under 1 year of age)

	Males	Females	Total
Legitimate	2	1	3
Illegitimate	0	1	1
Totals	2	2	4

Infant Mortality Rate

19.2 per 1,000 live births.

22.0 per 1,000 live births - England and Wales.

1931	1934	1937	1940	1943	1946	1949	1952	1955	1958	195
-33	-36	-39	-42	-45	-48	-51	-54	-57		
54	40	47	49	32	29	29	24	24	18	19

Infant Deaths (under 4 weeks of age)

	Males	Females	Total
Legitimate	2	1	3
Illegitimate	0	1	1
Totals	2	2	4

Neonatal Death Rate

9.6 per 1,000 live births.

Still Births

	Males	Females	Total
Legitimate	6	2	8
Illegitimate	1	-	1
Totals	7	2	9

The Still Birth Rate for Lutterworth Rural District is 41.0 per 1,000 births (live and still).

Still Birth Rate for England and Wales is 20.7 per 1,000 births (live and still).

Age Incidence of Death

				Males	Females	Totals	Percentage
Under 4 weeks				1	2	3	2.3
4 weeks - 1 year				1	0	1	.7
1 year - 4 years				0	0	0	-
5	-	14	"	1	1	2	1.5
15	-	24	"	1	0	1	.7
25	-	34	"	0	1	1	.7
35	-	44	"	3	1	4	3.1
45	-	54	"	4	1	5	3.9
55	-	64	"	3	11	14	11.1
65	-	74	"	23	12	35	27.6
75	-	84	"	27	19	46	36.5
85	-	94	"	7	6	13	4.1
95	-	100	"	0	0	0	-

By looking at the table, it will be seen that 75.2% of those who died exceeded the age of 65 years.

Increase of Births over Deaths

1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948
35	23	23	12	64	57	102	75	83	140	114
1949	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959
72	81	70	29	58	50	16	20	42	91	73

DIPHTHERIA IMMUNISATION

Number of Children Immunised

	Primary			Re-immunised	Number of babies born during preceding year minus deaths under 1 year
	Under 5 years	5-14 yrs.	Total		
1949	191	7	198	58	239
1950	143	12	155	60	206
1951	137	12	149	90	202
1952	144	5	149	66	195
1953	139	4	143	126	186
1954	154	3	157	106	195
1955	123	4	127	101	187
1956	117	5	122	84	169
1957	111	2	113	93	164
1958	186	10	196	122	175
1959	151	5	156	115	204

The above table shows that out of a total number of 204 live births in 1959 there were 151 immunisations performed in children under 5 years. As most of the immunisations are performed at the age of 6 months the figures do give an approximate idea of the number of babies immunised.

Tuberculosis

Eight cases of pulmonary tuberculosis were notified during the year. There were two cases of non-pulmonary tuberculosis.

Total Cases of Tuberculosis remaining on Register

	Pulmonary		Other Forms of Tuberculosis	
	Male	Female	Male	Female
Total on Register at 31st December 1959	29	13	4	3

By referring to this table the total cases receiving treatment or under supervision can be seen.

DEATH FROM ALL CAUSES

	1959		
	Males	Females	Total
1.Tuberculosis, respiratory	0	0	0
2.Tuberculosis, other	0	0	0
3.Syphilitic disease	0	0	0
4. Diphtheria	0	0	0
5.Whooping Cough	0	0	0
6.Meningococcal infections	0	0	0
7.Acute Poliomyelitis	0	0	0
8.Measles	0	0	0
9.Other infective & parasitic diseases	0	0	0
10.Malignant neoplasm, stomach	0	3	3
11.Malignant neoplasm, lung, bronchus	2	0	2
12.Malignant neoplasm, breast	0	0	0
13.Malignant neoplasm, uterus	0	2	2
14.Other malignant & lymphatic neoplasms	8	4	12
15.Leukaemia, aleukaemia	1	1	2
16.Diabetes	0	0	0
17.Vascular lesions of nervous system	8	8	16
18.Coronary disease, angina	10	6	16
19.Hypertension with heart disease	2	1	3
20.Other heart disease	19	13	32
21.Other circulatory disease	2	1	3
22.Influenza	1	1	2
23.Pneumonia	4	3	7
24.Bronchitis	9	0	9
25.Other diseases of respiratory system	0	1	1
26.Ulcer of stomach and duodenum	0	0	0
27.Gastritis, enteritis & diarrhoea	0	0	0
28.Nephritis and nephrosis	0	1	1
29.Hyperplasia of prostate	0	0	0
30.Pregnancy, childbirth, abortion	0	0	0
31.Congenital malformations	0	1	1
32.Other defined & ill-defined diseases	3	5	8
33.Motor vehicle accidents	3	1	4
34.All other accidents	0	2	2
35.Suicide	0	0	0
36.Homicide & operations of war	0	0	0
TOTAL	72	54	126

GENERAL STATISTICS - 1959

Area of District 46,733

Population (Estimated Mid-Year) 12,910

INFECTIOUS DISEASES

PREVALENCE OF INFECTIOUS DISEASES

Total number of cases of Infectious Diseases
notified during the year 1959

NOTIFIABLE DISEASE	Number of Cases Notified at Ages								TOTAL DEATHS
	At all ages	Under 1 year	1- 5 yrs	5- 15 yrs	15- 25 yrs	25- 45 yrs	45- 65 yrs	65 & up- wards	
Scarlet Fever	3	-	-	3	-	-	-	-	0
Whooping Cough	0	-	-	-	-	-	-	-	0
Diphtheria	0	-	-	-	-	-	-	-	0
Measles	140	1	46	86	4	3	-	-	0
Pneumonia	2	-	-	-	-	1	-	1	7
Meningococcal Infection	0	-	-	-	-	-	-	-	0
Poliomyelitis	0	-	-	-	-	-	-	-	0
Dysentery	0	-	-	-	-	-	-	-	0
Ophthalmia Neonatorum	0	-	-	-	-	-	-	-	0
Puerperal Pyrexia	0	-	-	-	-	-	-	-	0
Enteric Fever	0	-	-	-	-	-	-	-	0
Food Poisoning	0	-	-	-	-	-	-	-	0
Erysipelas	0	-	-	-	-	-	-	-	0
Pulmonary Tuberculosis	8	-	-	-	3	2	3	-	0
Other forms of Tuberculosis	2	-	-	-	-	2	-	-	0

Infectious Diseases (other than Tuberculosis)

Average per Year in Triennial Periods

	1937 - 1939	1940 - 1942	1943 - 1945	1946 - 1948	1949 - 1951	1952 - 1954	1955 - 1957	1958	1959
Smallpox	-	-	-	-	-	-	-	-	-
Scarlet Fever	9	10	11	9	5	2	4	5	3
Whooping Cough	-	3	13	8	22	32	18	41	-
Diphtheria	2	8	0.3	-	-	-	-	-	-
Measles	-	3	38	65	115	56	162	25	140
Pneumonia	13	3	9	9	4	14	13	9	2
Meningococcal Infection	-	1	-	-	-	0.3	0.6	-	-
Poliomyelitis	0.3	-	-	0.7	1	0.3	1	-	-
Dysentery	-	-	-	-	-	2	17	-	-
Ophthalmia Neonatorum	1	-	-	-	-	-	-	-	-
Puerperal Pyrexia	3	-	1	0.3	0.3	1	-	-	-
Enteric Fever	-	0.3	-	-	-	-	-	-	-
Food Poisoning	-	-	-	-	-	0.3	1	-	-
Erysipelas	3	0.3	0.7	0.7	0.3	2	1.3	-	-

Measles

There was an epidemic this year. The two age groups chiefly affected were from 1 - 5 years and 5 - 15 years.

It is in the main a mild disease, but can of course, fortunately seldom, give rise to serious complications.

Poliomyelitis

There were no cases for the year under review.

REPORT

of the

CHIEF PUBLIC HEALTH INSPECTOR

for the

YEAR

1959

Mr. Chairman, Lady and Gentlemen,

I beg to submit a short report on the work of the Health Department during the year 1959.

HOUSING

New Dwellings

Permanent houses erected during the year numbered 12 by the Council and 51 by private enterprise. On the 31st December, 1959 there were 38 houses in course of construction by the Council and 40 by private enterprise.

HOUSING ACT, 1936 & HOUSING REPAIRS & RENT ACT, 1954

During the year 27 houses were demolished as being unfit for human habitation, 7 families were affected involving 20 persons. Two houses were rendered fit after defects had been remedied. In addition the Council purchased 5 houses by agreement in Clearance Areas not included in Clearance Orders.

HOUSING ACT, 1949 & 1952

The Council received 54 applications for Discretionary Grants, 53 of which were approved. There were also 19 Standard Grant applications and in 9 cases the work was satisfactorily completed during the year.

WATER SUPPLY

The City of Leicester Water Department took over the Council's water undertaking on the 1st October, 1958 and entered into Agency arrangements for the collection of water charges and for the operation of the undertaking within this area and this has proved satisfactory.

SEWERAGE & SEWAGE DISPOSAL

Work has continued on the provision of sewerage works to serve the villages of Broughton Astley, Dunton Bassett, Ashby Magna, Leire and Ashby Parva and by the 31st December, 1959 the works were completed and sewage was discharged to the works in September. Sewer laying was in progress in Broughton Astley and Leire and the sewer through fields to take Dunton Bassett had also been laid.

CONVERSIONS

To encourage owners to have their pan closets converted to the water carriage system the Council have continued to give grants of half the cost or £10, whichever is the lesser figure, and during the year 21 grants have been approved.

SLAUGHTERHOUSES

The number of licensed slaughterhouses in the area remains the same and the Council's Officers have been able to give almost 100% inspection of animals slaughtered in the area, the details of which are as follows:-

	Cattle exclu- ding Cows	Cows	Calves	Sheep and Lambs	Pigs	Total Weight in lbs.
Number killed (If known)						
Number inspected	238	-	1	2005	789	-
<u>All Diseases except Tuberculosis</u>						
Whole carcasses condemned	-	-	-	1	1	-
Carcases of which some part or organ was condemned	43	-	1	5	13	-
Percentage of number inspected affected with diseases other than tuberculosis	18.07	-	100	0.30	1.77	-
<u>Tuberculosis only</u>						
Whole carcasses condemned	-	-	-	-	-	-
Carcases of which some part or organ was condemned	1	-	-	-	2	-
Percentage of the number inspected affected with tuberculosis	0.42	-	-	-	0.25	
<u>Cysticercosis</u>						
Carcases of which some part or organ was condemned	-	-	-	-	-	-
Carcases submitted to treatment by refrigeration	-	-	-	-	-	-
Generalised and Totally condemned	-	-	-	-	-	-

In addition to the special items which I have mentioned above the routine work continued in connection with Scavenging, Food Hygiene Regulations, 1955, Milk and Dairies Regulations and other statutory requirements.

GENERAL

During the year regular inspections have been carried out as shown in the table below and appropriate action taken.

	Number of Inspections
Animal Keeping	5
Bakehouses	10
Dairies	21
Drainage Works	490
Dwelling-Houses	819
Infectious Disease Enquiries	9
Food Poisoning Inquiries	-
Food Premises	427
Offensive Trades	1
Refuse Collection and Disposal	97
Rodent Control	10
Schools	-
Shops	-
Slaughterhouses & Meat Inspection	376
Smoke Control	-
Tents, Vans, Sheds etc.	5
Verminous and Dirty Premises	7
Water Supplies	46
Factories and Workplaces	2
Other Inspections	325
TOTAL	2651

I am,

Yours obediently,

H. G. McNAUGHT

Engineer, Surveyor & Public Health Inspector.

